

**BASE LINE DATA**

Station	Coordinates	
	North	East
A	100.00	40.30
B	100.00	100.00
1P	100.00	179.50
2P	209.27	457.16
3P	338.46	586.35
4P	401.17	872.04
5P	410.13	1,098.84
6P	499.90	1,185.53

**BENCH MARKS**

No.	Elevation	Location and description
1	1512.81	Chisel mark on stone, south of B. between Sta. 4P and 5P.
2	1532.27	Spike in 8" poplar tree North of B. Between Sta. B and 1P.

**P.I. NO. 1**

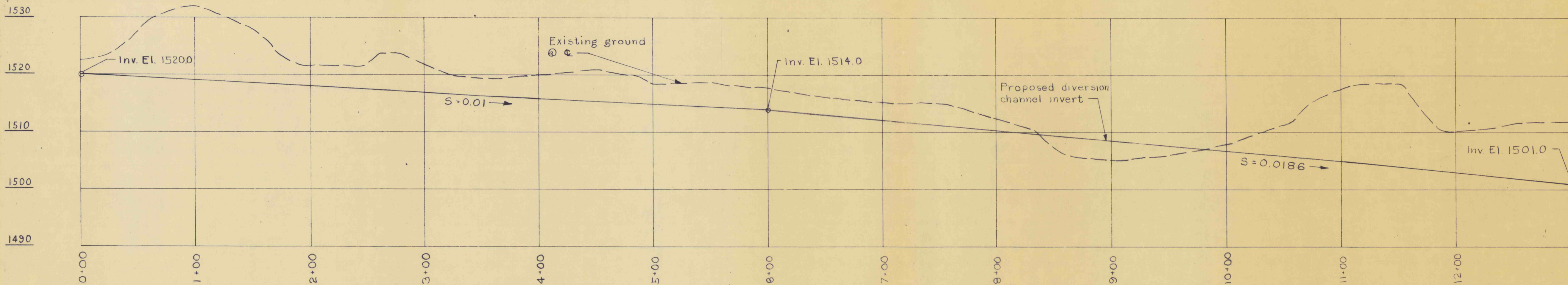
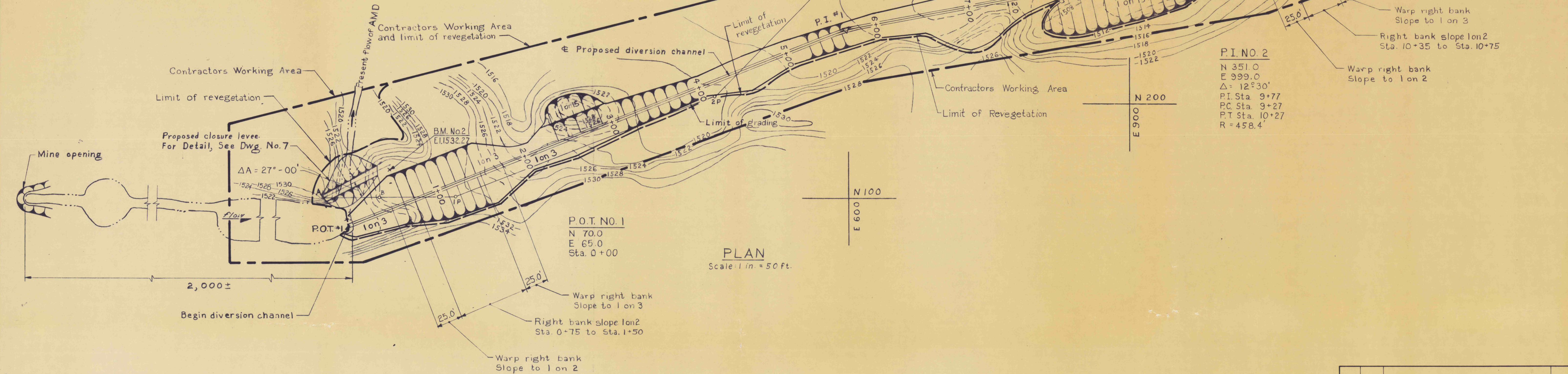
N 279.5  
E 600.0  
 $\Delta = 11^{\circ}0'$   
P.I. Sta. 5+69  
P.C. Sta. 5+19  
P.T. Sta. 6+19  
R = 520.9'

**P.I. NO. 2**

N 351.0  
E 999.0  
 $\Delta = 12^{\circ}30'$   
P.I. Sta. 9+77  
P.C. Sta. 9+27  
P.T. Sta. 10+27  
R = 458.4'

**P.O.T. NO. 1**  
N 70.0  
E 65.0  
Sta. 0+00

**PLAN**  
Scale: 1 in. = 50 ft.



**PROFILE**  
Scale { Hor.: 1 in. = 50 ft.  
Vert.: 1 in. = 10 ft.

**GENERAL NOTES:**

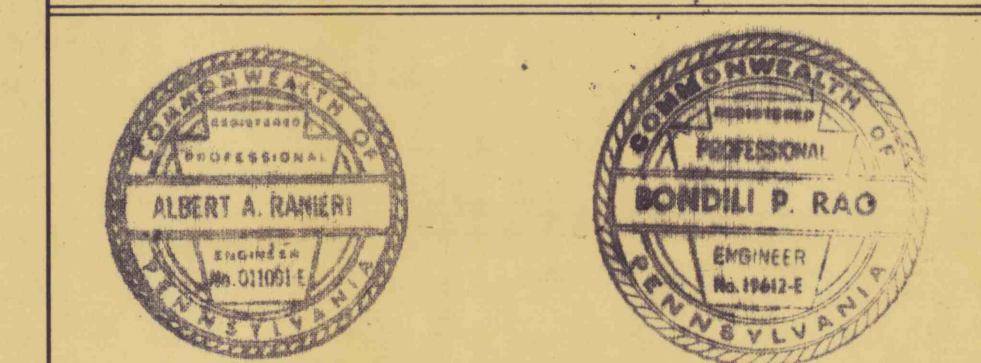
- All elevations shown on the drawings are Pennsylvania Department of Environmental Resources datum. Elevations of the features are to be taken from the bench marks indicated on the drawings.
- Existing contours within the grading limits are shown in dashed lines.
- Adjustments in alignment and grade are permitted to facilitate construction, subject to the approval of the Engineer.
- All areas within the Contractors Working Area and access if damaged, must be regraded, reseeded and restored to their original condition.
- For cross sections and details see Dwg. Nos. 5, 6 and 7.

NO.	DATE	REVISION	APPR.

SUBMITTED: *B. K. Rao*  
PROJECT CO-ORDINATOR

APPROVED: *Albert A. Ramieri*  
CHIEF - DIVISION OF MINE RECLAMATION

APPROVED: *D. M. C.*  
DIRECTOR - BUREAU OF DESIGN



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
OFFICE OF RESOURCES MANAGEMENT

PROJECT NO. FE54:3-101.1

**DIVERSION OF  
ACID MINE DRAINAGE  
CRYSTAL RUN WATERSHED**

FOSTER TWP. SCHUYLKILL CO., PA.

**PLAN AND PROFILE**

DRAWN BY: <i>D. M. C.</i>	DATE:	DRAWING NO.:
CHECKED BY:	SCALE: As shown	3 of 7